

IN THE CLAIMS:

Please cancel Claims 1 to 28, 30 to 36 and 39 to 61 without prejudice or disclaimer of subject matter. Please add new claims 62 to 71 as follows:

1. to 61. (Cancelled).

62. (New) A communication system in which a solid semiconductor element is used, comprising:

- a plurality of liquid containers in which said respective solid semiconductor elements are disposed;
- an oscillation circuit formed in said solid semiconductor element and provided with a conductor coil;
- information acquiring means for acquiring the information in said container;
- receiving means for receiving a signal from the outside;
- information communicating means for transmitting the information to the outside when a predetermined response condition is satisfied;
- an outside resonance circuit, disposed outside said plurality of liquid containers, for generating a power with respect to the oscillation circuit of said solid semiconductor element by electromagnetic induction; and
- outside communication means for bidirectionally communicating with said receiving means and said information communicating means of said solid semiconductor element.

63. (New) The communication system according to claim 62, wherein said response condition differs with each container.

64. (New) The communication system according to claim 63, wherein said response condition comprises an electromagnetic induction frequency.

65. (New) The communication system according to claim 63, wherein said response condition comprises a communication protocol.

66. (New) The communication system according to claim 62, wherein a gravity center of the solid semiconductor element floating in the liquid is positioned below a center of the element, and the floating element rocks stably without rotating in the liquid.

67. (New) The communication system according to claim 66, wherein a metacenter of the solid semiconductor element is constantly positioned above the gravity center of the solid semiconductor element.

68. (New) An ink jet recording system provided with a plurality of ink jet heads for performing color recording with an ink jet printer, recording being made by mounting ink tanks storing ink to be discharged corresponding to each of ink jet heads, wherein each of ink tanks including a solid semiconductor element, the ink jet printer including discrimination communication means, said semiconductor element including at least energy converting means for converting electromagnetic wave supplied

from the outside to electric power and communication means having response conditions different from each other for each of ink tanks,

wherein by said discrimination communication means and said communication means, electric power supply for activating a circuit in the semiconductor element by said energy converting means is made in non-contact manner and communication with a response condition set for each of said ink tanks is individually and independently made for each of said ink tank.

69. (New) An ink jet recording system according to Claim 68, wherein said response condition is set by differentiating a resonance frequency by changing a winding number or a length of coil of said solid semiconductor element.

70. (New) An ink jet recording system according to Claim 68, wherein said response condition is set by differentiating a digital ID information.

71. (New) An ink jet recording system according to Claim 68, said solid semiconductor element has a hollow portion to float on said ink surface or in a predetermined position in the ink, a gravity center of the solid semiconductor element is positioned below a center of the element, and a metacenter of the element is constantly positioned above the gravity center of the solid semiconductor element.